APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

61-12363

Bukin, V. N.
THE BIOCHEMICAL FUNCTIONS OF VITAMIN B_{12}. [1960] 10p.
Order from ATS $17.45 ATS-81M45R

Trans. of Voprosy Med[itsinskoy] Khim[ii] (USSR) 1960, v. 6, no. 4, p. 335-344.

148,604

(Biological Sciences--Pharmacology, TT, v. 5, no. 7)

1. Vitamin B--Biochemical effects
1. Bukin, V. N.
II. ATS-81M45R
III. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-4188

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Zakharov, N. V. and Orlyanskaya, R. L.
EFFECT OF EXCITATION AND CONVULSIONS INDUCED BY CORDIAMINE ON THE METABOLISM OF PROTEIN AND PHOSPHATES IN THE BRAIN. [1962] [11]p. (1 fig. omitted) 25 refs.
Order from OTS or SLA $1.60 62-14755

Trans. of Vopr[osy] Med[itsinskoi] Khim[ii] (USSR) 1960, v. 6, p. 349-353.

DESCRIPTORS: Physiology, *Brain, Stimulation, Drugs, *Metabolism, *Phospholipids, *Proteins, Labeled substances, *Convulsions, *Methionine, Pharmacology, Phosphates, Amines.

Stimulation evoked by cordiamine is accompanied by an increase in the metabolism of phospholipids, RNA, and phosphoproteides of the brain. Under the same experimental conditions an increase in the incorporation rate
(Biological Sciences--Pharmacology, TT, v. 9, no. 4)
(over)

62-14755

I. Title: Cordiamine
I. Zakharov, N. V.
II. Orlyanskaya, R. L.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(EM-5253)

On Lipoproteins and Blood Protein Fractions in Experimental Alimentary Hypercholesteremia, by T. N. Lovyagina, 13 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 4, Jul/Aug 1960, pp 358-364.

JPRS 7268

Sci - Med

Jan 61

135,967

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-5253)

Effect of X-Ray Irradiation on the Formation of Enzymes in the Pancreas, by V. V. Nikol'skiy, G. V. Rubtsova, 6 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 4, Jul/Aug 1960, pp 365-367.

JPRS 7269

Sci - Med

Jan 61

135,970

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(MI-5253)

Electrophoretic Study of Soluble Liver Proteins in Radiation Sickness, by Ye. M. Belyayeva, T. A. Fedorova, S. S. Vasileyskiy, 9 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 4, Jul/Aug 1960, pp 377-381.

JPRS 7270

Sci - Med

Jan 61

135,969

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(MY-5253)

Effect of Insulin and Glucose on the Glycogen Content of the Liver in Radiation Sickness, by K. V. Gordeyeva, 9 pp.

RUSSIAN, per, Voprosy Meditsinskoy Khimii, Vol VI, No 4, Jul/Aug 1960, pp 408-411.

JPRS 7471

Sci - Med

Jan 61

135,971

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1327)

The Effect of External Ionizing Radiation on the Participation of the Liver and Intestine on Lipid Metabolism, by K. V. Smirnov, V. A. Shaternikov, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5, Sep/Oct 1960, pp 464-468.

JPRS 4345

Sci - Med

139,909

Feb 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1327)

Oxidative and Carbohydrate-Phosphate Metabolism in Cerebral and Hepatic Tissue Under Normal Conditions and After Irradiation, by R. I. Skvortsova, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5, Sep/Oct 1960, pp 475-479.

JPRS 4345
OTS 63-16462
139,910

Sci - Med

Feb 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1327)

Enzymatic Formation of Hemolysins in Hepatic Tissue in Radiation Sickness, by V. N. Benevolenskiy, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5, Sep/Oct 1960, pp 480-483.

JPRS 4345

139,911

Sci - Med

Feb 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1327)

On the Role of the Liver in the Metabolism of Uric Acid and Allantoin in Radiation Sickness, by T. A. Fedorov, [redacted]; V. P. Fedotov, 7 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5, Sep/Oct 1960, pp 497-500.

JPRS 4345

Sci - Med

139,880

Feb 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1327)

Effect of Cystamine on the Liver and Spleen Content of Nucleic Acids in Irradiated Rats, by V. G. Vladimirov, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VI, No 5, Sep/Oct 1960, pp 501-505.

JPRS 4345

Sci - Med

139,881

Feb 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Use of Mikrotsid (Glucose Oxidase) for Specific Quantitative Determination of Glucose in Blood, by I. S. Lukomskaya, V. K. Gorodetskiy, 5 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VI, No 6, 1960, pp 641, 642. 9076111

NIH 4-6-61

Sci - Med
Jul 61

158, 319

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6344)

Neuraminic Acid and Its Role in the Organism, by I. V. Tsvetkova, 20 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 3-16.

JPRS 9438

Sci - Med

Jul 61

157,092

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(MF-6344)

Change in the Content of Macroergic Phosphorus Compounds in the Tissues in Acute Radiation Sickness, by D. A. Golubentsev, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 28-32.

JPRS 9439

Sci - Med

158, 579

Jul 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NI-6344)

Free Amino Acids of the Blood and Urine in Leucosis, by M. B. Sventsitskaya, O. D. Ramova-Tskhovrebova, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 52-55.

JPRS 9440

Sci - Med

Jul 61

158, 578

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6312)

The Menopause and Neoplastic Diseases, by V. M. Dil'man, 16 pp.

RUSSIAN, per, Voprosy Onkologii, Vol VII, No 1, 1961, pp 108-118.

JPRS 9499

Sci - Med

Jul 61

158, 585

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6344)

Determination and Isolation of Antidiphtherial Antibodies With the Aid of Antigens Fixed on Cellulose by A. Ye. Gurvich, M. V. Ispolatovaskaya, K. N. Myasoyedova, 12 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 55-61.

JPRS 9441

157,098

Sci - Med

Jul 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6344)

The Connection Between the Paradoxical Action of Adrenaline in Cancer Patients and Its Effect on the Cholinesterase Activity, by R. N. Lifshits, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 61-65.

JPRS 9442

Sci - Med

157,097

Jul 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Vladimirov, G. E., Myul'berg, A. A., and Sytinskii, I. A.
SEPARATION OF THE SOLUBLE PROTEINS OF THE HUMAN BRAIN BY ELECTROPHORESIS ON PAPER AND IN AGAR BLOCKS. [1963] [8]p. (tables omitted) 11 refs.
Order from OTS or SLA $1.10 63-16379

Trans. of Voprosy Med[itsinskoi] Khimii (USSR) 1961, v. 7 [no. 1] p. 65-70.

DESCRIPTORS: Separation, *Proteins, *Brain, *Electrophoresis, Cytochemistry, Paper chromatography, Tissues (Biology), *Histological techniques.

Electrophoretic separation of soluble proteins in the grey and white matter of the brain made possible the identification of 8 fractions on paper and 11 fractions in agar blocks. The proportional distribution of protein fractions is the same for white and grey matter. The
(Biological Sciences--Biochemistry, TT, v. 10, no. 9)
(over)

63-16379

I. Vladimirov, G. E.
II. Myul'berg, A. A.
III. Sytinskii, I. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6344)

Experimental Thrombosis and Its Prevention With [illegible] Trypsin Inhibitor, by G. V. Andreyenko, B. A. Kudryashov, 11 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 70-74.

JPRS 9443

Sci - Med

157,099

Jul 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6344)

Certain Data on the Nature of the Immunobiologic Specificity of Proteins, by A. I. Nikolayev, 14 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 1, 1961, pp 74-81.

JPRS 9444

Sci - Med

Jul 61

157 104

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Yakubovskaya, V. I. and Kiseleva, N. A.
THE EFFECT OF AMINAZINE CHLORPROMAZINE ON THE LEVEL AND SYNTHESIS OF CHOLESTEROL IN THE LIVER OF PIGEONS. [1963] [6 p.
25 refs.
Order from OTS, SLA or ETC $1.10 TT-63-19690

Trans. of Voprosy Med[itsinskoi] Khim[ii] (USSR) 1961, v. 7 [no. 1] p. 93-96. (Abstract available)

DESCRIPTORS: *Chlorpramazine, Drugs, *Cholesterol, *Liver, Pigeons, Inhibition, Coenzymes, Tracer studies.

Pigeons were given subcutaneous injections of aminazine (25 mg/kg body weight) and intraperitoneous injections of 2-C^{14} acetate (50 microcuries/kg). After a lapse of 3 hours the birds were sacrificed by decapitation. C^{14} labeled cholesterol was isolated as the digitonide. Aminazine was found markedly to
(Biological Sciences--Pharmacology, TT, v. 11, no. 2)
(over)

TT-63-19690

I. Yakubovskaya, V. I.
II. Kiseleva, N. A.
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6532)

The Problem of the Steady State in Muscular Activity, by N. N. Yakovlev, 22 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2, Mar/Apr 1961, pp 120-132.

JPRS 9694

Sci - Med

Aug 61

162,137

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6532)

The Uptake of Phenylalanine-C^{14} by Proteins of Transplantable Animal Tumors, by Pan Ch'i-ts'ao, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2, Mar/Apr 1961, pp 149-154.

JPRS 9694

Sci - Med

Aug 61

162,138

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6532)

Changes in Skin Proteins After a Thermal Burn, by V. V. Oppel', 12 pp.

RUSSIAN, per, Voprosy Med Khim., Vol VII, No 2, Mar/Apr 1961, pp 172-178.

JPRS 9694

Sci - Med

Aug 61

162,139

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6532)

Acetone Bodies in the Myocardium of the Rabbit With Aortic Stenosis, by M. F. Vyalykh, N. G. Lutsenko, 8 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2, Mar/Apr 1961, pp 186-190.

JPRS 9694

Sci - Med

162,140

Aug 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6532)

Detection and Extraction of a Glycoprotein From Blood Serum Which Causes a Reduction in Coronary Outflow, by A. A. Dubinskiy, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 2, Mar/Apr 1961, pp 197-200.

JPRS 9694

Sci - Med

Aug 61

162,141

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Kuzhman, M. I.
THE EFFECT OF LOCAL ANESTHETICS UPON RESPIRATORY PHOSPHORYLATION. [1962] [6]p. 15 refs.
Order from OTS or SLA $1.10 62-14750

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1961 [v. 7, no. 3] p. 243-245.

DESCRIPTORS: *Drugs, *Anesthetics, Inhibition, Respiration, *Phosphorylation, *Absorption, *Oxygen, Synthesis, Phosphates, *Procaine.

The effects were studied of the more commonly used local anesthetics (novocaine, cocaine, dicaine, anesthesine, sovcaine, mesocaine and xylocaine) on the process of respiratory phospholyration. These anesthetics to a considerable degree disrupt or inhibit respiration and phosphorylation, reducing not only the absorption of oxygen, but also the synthesis of mineral phosphate.
(Biological Sciences--Pharmacology, TT, v. 8, no. 6)

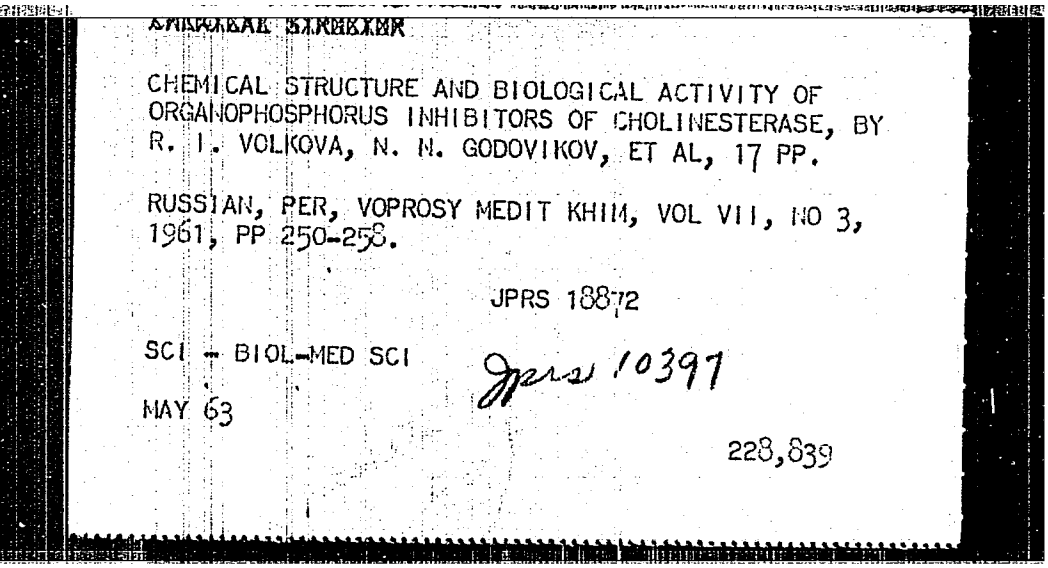
62-14750

I. Kuzhman, M. I.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



[redacted]

CHEMICAL STRUCTURE AND BIOLOGICAL ACTIVITY OF ORGANOPHOSPHORUS INHIBITORS OF CHOLINESTERASE, BY R. I. VOLKOVA, N. N. GODOVIKOV, ET AL, 17 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL VII, NO 3, 1961, PP 250-258.

JPRS 18872

SCI - BIOL-MED SCI

JPRS 10397

MAY 63

228,839

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1938)

The Activity of Certain Glycolytic Enzymes in the Blood of Cancer Patients, by V. P. Korotkoruchko, P. D. Dvornikova, I. N. Ishchenko, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 3, 1961, pp 273-276.

JPRS 10786

Sci - Med

174, 811

Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1988)

Protein Changes in the Crystalline Lens From Experimentally Induced Radiation Cataract, by K. F. Firferova, Ye. M. Kedrova, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 3, 1961, pp 285-291.

JPRS 10786

174,812

Sci - Med

Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Vaisfeld, L. L.
URINARY EXCRETION OF 5-HYDROXYINDOLEACETIC ACID IN CERTAIN NEUROPATHOLOGICAL CONDITIONS. [1962] 6p. (figs. omitted) 20 refs.
Order from OTS or SLA $1.10 62-20327

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1961, v. 7, no. 3, p. 309-313.

DESCRIPTORS: Urine, Excretion, Pathology, *Brain, Muscles, *Indoles, *Acetic acids, *Hydroxides.

Daily (24) excretions of 5-hydroxyindoleacetic acid in patients with lesions of the diencephalus and with predominantly vegetative-vascular symptomology range between 1.3 and 7.6 mg; while in patients with predominantly neuro-endocrinal disturbances the range is from 0.0 to 9.5 mg (where normal figures are 1.7 to 7.2 mg.) In myasthenic patients the output is lowered, the mean
(Biological Sciences--Pathology, TT, v. 9, no. 9) (over)

62-20327

1. Vaisfeld, L. L.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(SF-1988)

A Conference Devoted to the Chemistry and Biochemistr of Blood Plasma Proteins, by V. Z. Gorkin, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 3, 1961, pp 329-332.

JPRS 10786

Sci - Med

174, 813

Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6734)

Incorporation of Methionine-S^{35} in the Proteins of Rat's Liver Following Administration of Cortisone and Under Conditions of Starvation, by V. F. Tryufanov, 9 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 4, Jul/Aug 1961, pp 354-357.

JPRS 11107

Sci - Med
Dec 61

176,186

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(HY-6734)

Incorporation of Labeled Lysine-1-C^{14} Into the Proteins of Transplantable Tumors and the Organs of Rats, by P'an Ch'i-Ts'ao, 9 pp.

RUSSIAN, per, Voprosy Meditsinskoy Khim, Vol VIII, No 4, Jul/Aug 1961, pp 358-362.

JPRS 11106

176,214

Sci - Med
Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-6734)

Comparative Studies on Transaminase Activity in Malignant Tumors, by T. T. Berezov, 13 pp.

RUSSIAN, per, Voprosy Medit Khim, Vol VII, No 4, Jul/Aug 1961, pp 417-424.

JPRS 11169

Sci - Med
Dec 61

176,192

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Polyakova, N. M. and Untina, N. A.
PHOSPHOGLUCOMUTASE ACTIVITY OF DIFFERENT REGIONS AND INTRACELLULAR BRAIN STRUCTURES. [1962] [4]p.
Order from OTS or SLA $1.10 62-14718

Partial trans. (tables only) of Voprosy Meditsinskoi Khimii (USSR) 1961, v. 7 [no. 5] p. 524-527.

DESCRIPTORS: *Phosphorylases, *Brain, Cells (Biology), Tissues (Biology).

(Biological Sciences--Biochemistry, TT, v. 8, no. 5)

62-14718

I. Polyakova, N. M.
II. Untina, N. A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

On the Nature of SH Catalytic Sites of Amine Oxidases: Role of Zinc in the Action of the Amine Oxidase of Blood Serum, by V. Z. Gorkin.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 6, pp 632-638, 1961.

NIH 9-9-62

Sci - Med

Dec 62

218,863

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(DC-6825)

BIOSYNTHESIS AND FIBRILLOGENESIS OF COLLAGEN PROTEINS, BY V. I. MAZUROV, 38 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL VIII, NO 1, 1962, PP 3-16.

JPRS 13953

SCI - MED
JUN 62

197,472

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(DC-6825)

DISTURBANCE OF THE MXXXMXXX METABOLISM OF TISSUE IRON IN LIVER FROM IRRADIATED MICE, BY G. V. VOSKOBOYNIKOV, 9 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL VIII, NO 1, 1962, PP 17-19.

JPRS 13953

SCI - MED
JUN 62

197,473

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Usbekova, D. G.
THE EFFECT OF GLUTAMIC ACID AND COFFEIN UPON GLUTAMINE, GLUTAMIC ACID, AMMONIA, AND ADENOSINE TRIPHOSPHATE CONTENT IN CEREBRAL HEMISPHERES. [1962] [5]p. 15 refs.
Order from OTS or SLA $1.10 62-20328

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, [no. 1] p. 83-86.

DESCRIPTORS: *Glutamic acid, *Caffeine, *Ammonia, *Adenosine phosphates, *Brain, Metabolism, Drugs, Biochemistry,

The adminsitration - over a six-day period of glutamic acid (100 mg/100 g body weight/day) - in no way effects the content of ammonia, glutamic acid, glutamine, and adenosine triphosphate in the cerebral hemispheres. At the same time, considerable variation in the content
(Biological Sciences--Pharmacology, TT, v. 9, no. 10)
(over)

62-20328

I. Usbekova, D. G.

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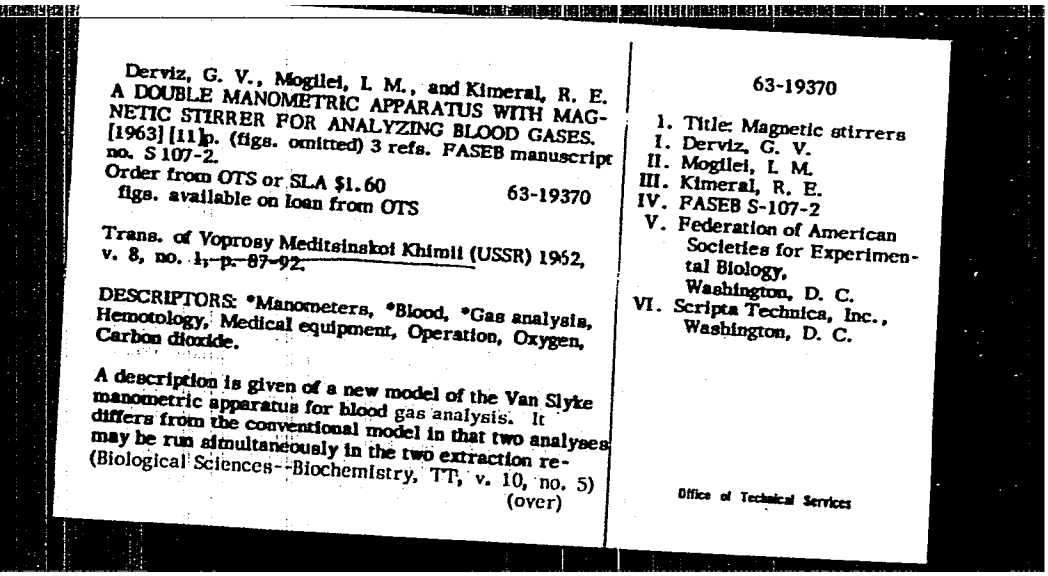

Derviz, G. V., Mogilei, L. M., and Kimeral, R. E. A DOUBLE MANOMETRIC APPARATUS WITH MAGNETIC STIRRER FOR ANALYZING BLOOD GASES. [1963] [11]p. (figs. omitted) 3 refs. FASEB manuscript no. S 107-2.
Order from OTS or SLA $1.60 63-19370
figs. available on loan from OTS

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 1, p. 87-92.

DESCRIPTORS: *Manometers, *Blood, *Gas analysis, Hemotology, Medical equipment, Operation, Oxygen, Carbon dioxide.

A description is given of a new model of the Van Slyke manometric apparatus for blood gas analysis. It differs from the conventional model in that two analyses may be run simultaneously in the two extraction re-
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)
(over)

63-19370

1. Title: Magnetic stirrers
I. Derviz, G. V.
II. Mogilei, L. M.
III. Kimeral, R. E.
IV. FASEB S-107-2
V. Federation of American Societies for Experimental Biology, Washington, D. C.
VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Contribution to the Problem of Chemical Biochemistry, by A. V. Sigriet,

RUSSIAN, per, Voprosy Medit Khim, Vol VIII, No 1, 1962, pp 95-99.

NIH 2-49-63

Sci - chem

May 63

231,975

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(MT-7105)

Change of Glycogen Content in the Liver and Muscles of Animals Adapted to Cold and Animals Not Adapted to Cold, by L. A. Guseva, 17 pp.

RUSSIAN, per, Voprosy Med Khim, N Vol VIII, No 2, 1962, pp 199-204.

JPRS 14032

Sci - Med
Jun 62

199,330

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Zbarskii, I. B., Ermolaeva, L. P., and Dmitrieva, N. P.
RESIDUAL PROTEIN IN THE NUCLEI OF NORMAL AND TUMUROUS CELLS. [1963] [8]p. 11 refs.
FASEB manuscript no. S 41-3.
Order from OTS or SLA $1.10 63-23056

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 2, p. 218-221.

DESCRIPTORS: Proteins, Cytochemistry, *Nucleoproteins, *Cells (Biology), *Cancer, *Nuclei (Biology), Electron microscopy.

Electronic microscopic investigations were made of the residual proteins derived from nuclei of cells of a normal liver, a strain of carcinosarcoma cells, and a strain of sarcoma cells. These studies indicate that the residual protein has a nuclear origin in both tumor-
(Biological Sciences--Biochemistry, TT, v. 10, no. 9)
(over)

63-23056

I. Zbarskii, I. B.
II. Ermolaeva, L. P.
III. Dmitrieva, N. P.
IV. FASEB S-41-3
V. Federation of American Societies for Experimental Biology, Washington, D. C.
VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(NY-7183)

BIOCHEMISTRY OF THE HEART MUSCLE IN MYOCARDIAL INFARCTS, BY V. M. RUBEL', 16 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIMII, VOL VIII, NO 3, MAY/JUN 1962, PP 227-236.

JPRS 14885

SCI - MED

AUG 62

208,727

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Karpyuk, S. A. and Germanyuk, Ya. L.
TRANSAMINASE ACTIVITY AND CONTENT OF SERUM PROTEIN FRACTIONS IN CERTAIN DISEASES OF THE ABDOMINAL ORGANS. [1963] [12]p. (15 refs. omitted) 11 refs. FASEB manuscript no. S 96-2.
Order from OTS or SLA $1.60 63-19368

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 3, p. 270-274.

DESCRIPTORS: *Transaminases, Blood proteins, *Diseases, *Abdomen, Pancreas, Liver function tests, Gall bladder.

The activity of α-ketoglutarate-alanine transaminase of the blood serum increases in a number of acute diseases of the organs of the abdominal cavity; its highest activity is noted in acute cholecystitis and pancreatitis. The activity of α-ketoglutarate-aspartate transaminase
(Biological Sciences--Pathology, TT, v. 10, no. 6)
(over)

63-19368

I. Karpyuk, S. A.
II. Germanyuk, Ya. L.
III. FASEB S-96-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Khaustova, I. M. and Ugleva, A. I.
PURIFICATION AND SEPARATION OF CLOSTRIDIUM PEREFRINGENS TOXINS AND TOXOIDS. [1962] [9]p. 5 refs. FASEB manuscript no. S 97-2.
Order from OTS or SLA $1.10 63-15983

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 3, p. 276-279.

DESCRIPTORS: Purification, Separation, *Clostridium perfringens, *Toxins and antitoxins, Sodium compounds, Phosphates, Bacterial toxins, Antigens.

A study was made of the effect of the pH and temperature on purification of Clostridium perfringens toxin by sodium hexametaphosphate. The highest yield of antigen and the greatest specific activity were obtained when the toxin was acidified to pH 3.2 at 3°C and the precipitate separated 30 minutes after acidification. (Biological Sciences--Biochemistry, TT, v. 10, no. 6)
(over)

63-15983

I. Khaustova, I. M.
II. Ugleva, A. I.
III. FASEB S-97-2
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Aleksandr Yevseyevich Braunshteyn, 5 pp.
RUSSIAN, per, Voprosy Medit Khim, No 3, 1962,
pp 325-328.
JPRS 23889

USSR
Biog
Apr 64 254, 171

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Bychkov, S. M.
NEW DATA ON HUMAN GROUP-SPECIFIC MUCOIDS. [1963] [45]p. 45 refs. FASEB manuscript no. S 108-3. Order from OTS or SLA $4.60 63-23049

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 4, p. 339-353.

DESCRIPTORS: *Body fluids, Biochemistry, Genetics, *Mucopolysaccharides, *Glycoproteins, Secretions, *Antigen-antibody reactions.

(Biological Sciences--Physiology, TT, v. 10, no. 7)

63-23049

1. Title: Group specific mucoids
I. Bychkov, S. M.
II. FASEB S-108-3
III. Federation of American Societies for Experimental Biology, Washington, D.C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Luganova, I. S. and Seits, I. F.
GLYCOGEN CONTENT AND METABOLISM IN NORMAL AND LEUKEMIC HUMAN LEUKOCYTES.
Nov/Dec 63. 5p 22refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, v. 22, no. 6, pt. II, p. T1058-T1062

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 4, p. 354-[361].

DESCRIPTORS: *Glycogen, *Metabolism, *Leukocytes, *Leukemia, Cells (Biology), Cytochemistry, Blood disorders, Blood cells,

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-63-17973-6
(p. T1058-T1062)

I. Luganova, I. S.
II. Seits, I. F.
III. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

CHANGES IN THE CONTENT OF COLLAGENOUS PROTEINGS
OF THE SKIN FOLLOWING AN EXPERIMENTAL BURN,
BY E. P. KYUZ, V. V. OPPEL', 9 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 4, 1962, PP 379-384.

JPRS 16441

SCI - MED
DEC 62

217,239

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

The Effects of Beryllium and Other Bivalent Cations on Some Intermediate Reactions of Glycolysis, by Lyu Yuy-tan, 6 pp.
RUSSIAN, per, Voprosy Medit Khim, Vol VIII, 1962, pp 392-395.
JPRS 27031

No4

Sci-Chem
Dec 64

270,107

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Isolation of Insulin-like Compounds From Blood Plasma and Urine on Ion-Exchange Resins, by L. L. Liberman, 12 pp.

RUSSIAN, per, xVoprosy Med Khim, Vol VIII, No 4, 1962, pp 420-423.

ATS RJ-4185 (50Q71R (6 pp)
OTS, SLA & ETR TT-63-23907
" " TT-63-10209 (4 pp)

Sci - Biol & Med Sci
Dec 63

244,890

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

CONFERENCE ON THE PROBLEM THE BIOLOGICAL ROLE OF TRACE ELEMENTS, BY V. A. DEL'VA, 5 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII, VOL VIII, NO 4, 1962, PP437-439.

JPRS 16441

SCI - MED

DEC 62

217,240

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Etingof, R. N.
METABOLISM IN TISSUE CULTURE CELLS. [1963]
[34p] 151refs FASEB Manuscript no.: S 440-3.
Order from OTS, SLA, or ETC $3.60 TT-63-24527

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 5, p. 451-463.

A survey of the literature.

DESCRIPTORS: *Metabolism, Cells (Biology), *Tissue culture, Biochemistry,

(Biological Sciences, TT, v. 11, no. 5)

TT-63-24527

I. Etingof, R. N.
II. FASEB-S-440-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

CHANGE IN THE CONTENT OF BIOLOGICALLY ACTIVE SUBSTANCES IN RATS FOLLOWING IN THE ACTION OF RADIAL ACCELERATIONS, BY I. M. KHAZEN, I. L. VAYSFEL'D, 9 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII, VOL VIII, NO 5, SEP -OCT 1962, PP 493-497.

JPRS 16956

SCI - MED

FTD-TT-64-202 (649057)

JAN 63

218,993

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Liu, Yu-tan.
OXIDATIVE METABOLISM IN LUNG AND LIVER TISSUE IN EXPERIMENTAL BERYLLIOSIS. [1963] [26p] FASEB manuscript no. S 440-2.
Order from OTS, SLA, or ETC $2.60 TT-63-23885

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 5, p. 518-525. (Abstract available)

DESCRIPTORS: Oxidation, *Metabolism, Lungs, Liver, Tissues (Biology), *Beryllium poisoning.

The O_2 uptake of lung tissue from white rats with experimental beryllioais was reduced, but the O_2 uptake in liver tissue did not change within 3 months after administration of beryllium to the animals. In beryllioais the rate of α-ketoglutaric acid oxidation in lung tissue was reduced, depending upon the time elapsed after administration of beryllium. An inhibition
(Biological Sciences--Toxicology, TT, v. 11, no. 9)
(over)

TT-63-23885

I. Liu, Yu-tan
II. FASEB S-440-2
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

MECHANISM OFTHE ANTIEDEMATOUS ACTION OF PARENTERALLY ADMINISTERED ~~EX~~ CRYSTALLINE PROTEINASES, BY K. N. VEREMEYENKO, 11 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII, VOL VIII, NO 5, SEP - OCT 1962, PP 525-531.

JPRS 16956

SCI - MED

FHSEB

JAN 63

218,994

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Silakova, A. I., Trush, G. P., and Yavilyakova, A. MICROMETHOD OF DETERMINING AMMONIA AND GLUTAMINE IN TRICHLOROACETIC TISSUE. [1963] [17p] (figs refs omitted) 8refs FASEB Manuscript no. S 445-2.
Order from OTS, SLA or ETC $1.60 TT-63-23884
figs available on loan from OTS

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 5, p. 538-544. (Abstract available)

DESCRIPTORS: *Microanalysis, *Ammonia, *Glutamine, Acetic acids, Chlorides, *Tissues (Biology).

Simple and rapid methods of serial determinations of ammonia and glutamine are described. In the determination of ammonia in trichloroacetic acid extracts from tissues in the presence of labile ammonia-forming substances (glutamine), the alkalizing agents should be
(Biological Sciences--Biochemistry, TT, v. 11, no. 6)(over)

TT-63-23884

I. Silakova, A. I.
II. Trush, G. P.
III. Yavilyakova, A.
IV. FASEB S-445-2
V. Federation of American Societies for Experimental Biology, Washington, D. C.
VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

BIOCHEMISTRY OF THE NERVOUS SYSTEM,, BY
N. N. DEMIN, L. Z. PEVZNER, 12 PP.

RUSSIAN, PER, VOPROSY MEDITSINSKOY KHIMII,
VOL VIII, NO 5, SEP - OCT 1962, PP 553-558.

JPRS 16956

SCI - MED

JAN 63

218,995

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Lozovskii, D. V.
TRYPTOPHAN METABOLISM IN SCHIZOPHRENIA. [1963] [11p] (refs omitted) 3 refs FASEB Manuscript no. S 77-3.
Order from OTS or SLA $1.60 63-23845

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1962, v. 8, no. 6, p. 616-620.

DESCRIPTORS: *Tryptophan, Metabolism, *Psychoses, Excretion, Urine, *Xanthic acids, Amino acids.

Urinary excretion of N-methylnicotinamide after tryptophan loads is lower in schizophrenics than in healthy persons. Urinary excretion of xanthurenic acid after tryptophan loads is increased in schizophrenia. In some schizophrenic patients, decreased urinary excretion of N-methylnicotinamide on con-
(Biological Sciences--Neurology and Psychiatry, TT, v. 10, no. 12) (over)

63-23845

I. Lozovskii, D. V.
II. FASEB S-77-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Siyanitskaya, M. F. and Seits, I. F.
SOME QUANTITATIVE ASPECTS OF ENERGY METABOLISM IN ASCITES CELLS OF EHRLICH'S CARCINOMA. Nov/Dec 63, 5p 11refs
Order from FASEB $2.00 in Federation Proceedings Translation Supplement, v. 22, no. 6, p. II, p. T1073-T1077

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 1, p. 19-[26].

DESCRIPTORS: *Metabolism, Cells (Biology), Tumors, Tissue cultures, *Cancer, Cytochemistry, Glucose, *Phosphorylation, *Glycolysis, Edema.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-63-17973-6
(p. T1073-T1077)

1. Title: Ehrlich's carcinoma
I. Siyanitskaya, M. F.
II. Seits, I. F.
III. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

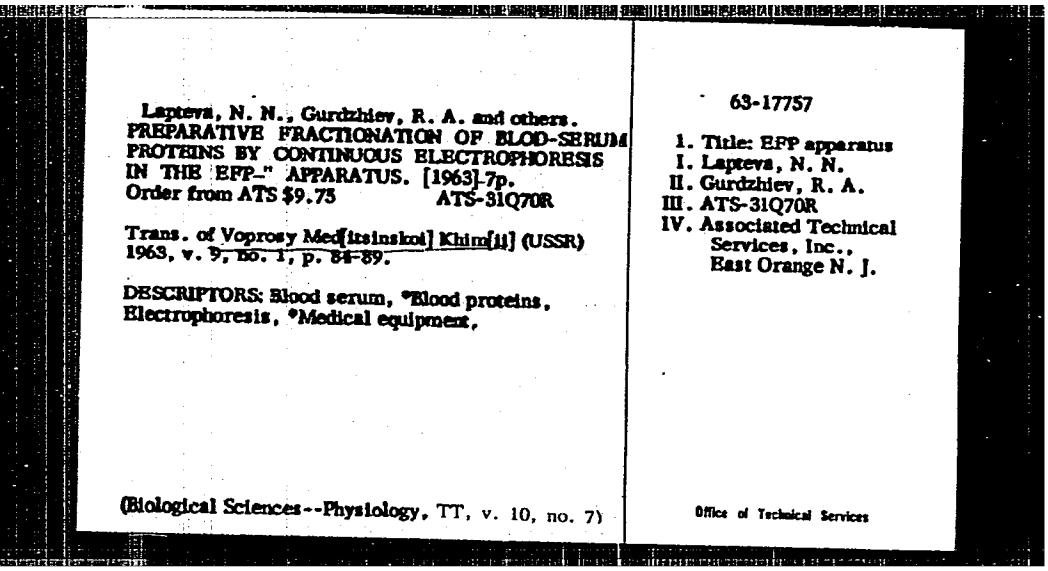
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Blood Content Determination in Organs and Tissue, by A. V. Tkachenko,
RUSSIAN, per, Voprosy Meditsinskoi Khimim,
Vol IX, No 1, 1963, pp 71-76,
*CFSTI TT 67-51225

Sci-B&M
Dec 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



Lapteva, N. N., Gurdzhiev, R. A. and others.
PREPARATIVE FRACTIONATION OF BLOOD-SERUM PROTEINS BY CONTINUOUS ELECTROPHORESIS IN THE EFP-" APPARATUS. [1963]-7p.
Order from ATS $9.75 ATS-31Q70R

Trans. of Voprosy Med[itsinskoi] Khim[ii] (USSR) 1963, v. 9, no. 1, p. 84-89.

DESCRIPTORS: Blood serum, *Blood proteins, Electrophoresis, *Medical equipment.

(Biological Sciences--Physiology, TT, v. 10, no. 7)

63-17757

1. Title: EFP apparatus
I. Lapteva, N. N.
II. Gurdzhiev, R. A.
III. ATS-31Q70R
IV. Associated Technical Services, Inc., East Orange N. J.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Metabolism of Neuraminic Acid in Animals,
by I. V. Tsvetkova,
RUSSIAN, per, Voprosy Meditsinsko Khimiy,
Vol IX, No 2, 1963, pp 115-124.
NLL RTS 3520
(On Loan or Purchase)

Sci-BGM
Apr 67

324,033

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Chernyak, N. B. and Totskaya, A. A.
STRUCTURE AND OXIDATIVE METABOLISM OF GRANULAR FRACTION ISOLATED FROM HUMAN BLOOD PLATELETS. Mar/Apr 64, 6p 14refs Order from FASEB $2.00 in Federation Proceedings Translation Supplement, 1964, v. 23, no. 2 (p. T326-T331)

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 2, p. 140ff.

DESCRIPTORS: Electron microscopy, *Blood platelets, *Metabolism, *Morphology (Biology), Blood, Man, *Oxygen consumption

(Biological Sciences--Anatomy, TT, v. 11, no. 10)

TT-64-12541-2 (p. T326-T331)

I. Chernyak, N. B.
II. Totskaya, A. A.
III. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

XX THE PROBLEM OF LIVER PATHOCHEMISTRY AFTER INJURY WITH PLUTONIUM-239, BY N. I. YELKINA, Z. B. TOKARSKAYA, 9 PP.

RUSSIAN, PER, VOPROSY MEDITSIN KHIM, VOL IX, NO 2, 1963, PP 15[illegible]-XX 160.

JPRS 19995

SCI - MED

JUL 63

235,3[illegible]

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

THE CONTENT OF ADENOSINE TRIPHOSPHORIC ACID AND CREATINE PHOSPHATE IN THE BRAINS AND MUSCLES OF ANIMALS ADAPTED AND NOT ADAPTED TO THE COLD, BY L. A. GUSEVA, 7 PP.

RUSSIAN, PER, VOPROSY MEDITSIN KHIM, VOL IX, NO 2, 1963, PP 180-184.

JPRS 19995

SCI - MED

JUL 63 235,319

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

THE EFFECT OF XMR IMIPRAMINE ON THE ACTIVITY OF MONOAMINE OXIDEASE OF THE CAT BRAIN, BY R. A KHAUNINA, I. P. LAPIN, 5 PP.

RUSSIAN, PER, VOPROSY MEDITSIN KHIM, VOL IX, NO 2, 1963, PP 184-188.

JPRS 19995

SCI X- MED

JUL 63

235,320

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

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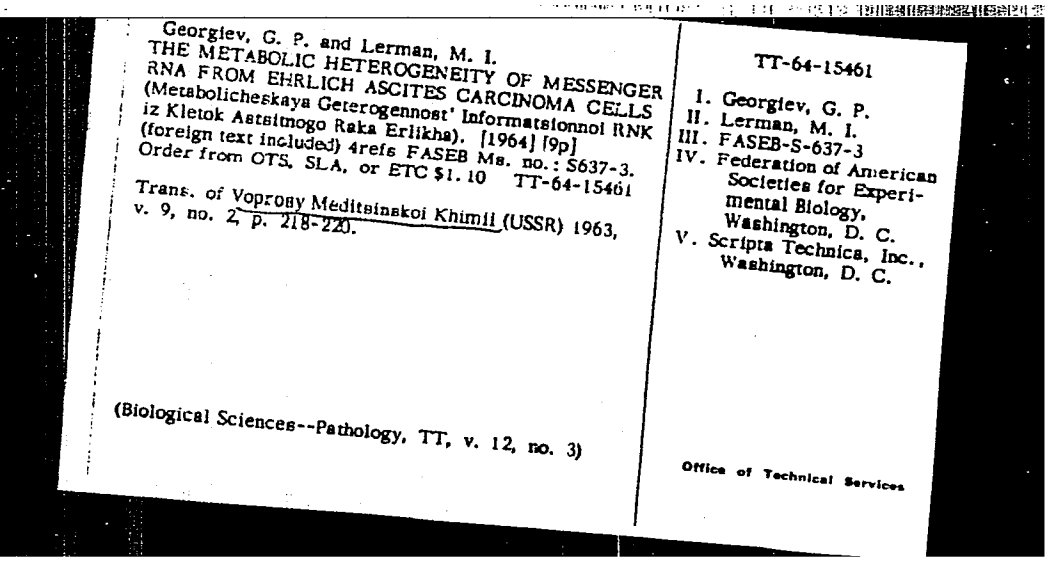


Georgiev, G. P. and Lerman, M. I.
THE METABOLIC HETEROGENEITY OF MESSENGER RNA FROM EHRLICH ASCITES CARCINOMA CELLS (Metabolicheskaya Geterogennost' Informatsionnoi RNK iz Kletok Astsitnogo Raka Erlikha). [1964] [9p] (foreign text included) 4refs FASEB Ms. no.: S637-3. Order from OTS, SLA, or ETC $1.10 TT-64-15461

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 2, p. 218-220.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15461

I. Georgiev, G. P.
II. Lerman, M. I.
III. FASEB-S-637-3
IV. Federation of American Societies for Experimental Biology, Washington, D. C.
V. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

S- 728/63

Decision of the Central Committee CPSU and of the Council of Ministers USSR On Measures for the Further Development of Biological Science and its Closer Ties With Practice and the Task of Medical Chemistry, (NY-7802)

RUSSIAN, per, Voprosy Medit Khim, Vol IX, No 3, 1963, pp 227-232.

*JPRS

Sci - Med
Sept 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

DECREE THE FURTHER DEVELOPMENT OF BIOLOGY PRACTICE, 13 PP.

RUSSIAN, PER, VOPROSY MEDIT KHIM, VOL IX, NO 3, 1963, PP 227-232.

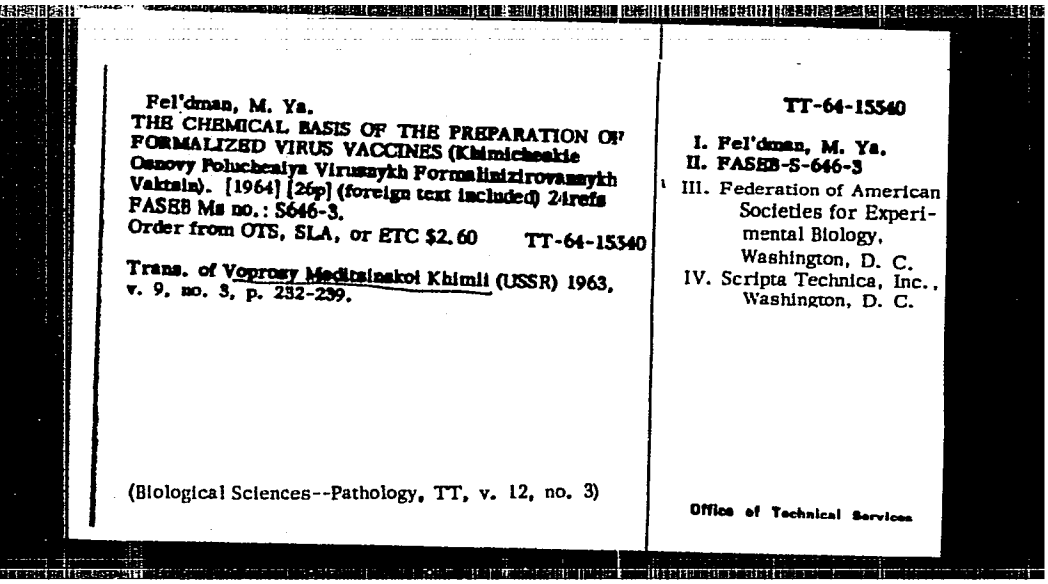
JPRS 21314

BIOL & MED SXCI
OCT 63

344,989

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



Fel'dman, M. Ya.
THE CHEMICAL BASIS OF THE PREPARATION OF FORMALIZED VIRUS VACCINES (Khimicheskie Osnovy Polucheniya Virusnykh Formalinizirovannykh Vaktsin). [1964] [26p] (foreign text included) 24refs
FASEB Ms no.: S646-3.
Order from OTS, SLA, or ETC $2.60 TT-64-15340

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 3, p. 232-239.

(Biological Sciences--Pathology, TT, v. 12, no. 3)

TT-64-15540

I. Fel'dman, M. Ya.
II. FASEB-S-646-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Tartarinov, Yu. S.
IMMUNOCHEMICAL ANALYSIS OF THE SUPERNATANT LIQUID AFTER THE FORMATION OF PRECIPITATE IN A COMPLEX ANTIGEN-ANTIBODY SYSTEM. [1963] [15p] 21refs FASEB Ms no. S647-3. Order from OTS, SLA, or ETC $1.60 TT-64-13887 figs available on loan from OTS

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 3, p. 244-250.

DESCRIPTORS: Immunity, Chemical analysis, *Antigens and antibodies, *Immune serums, Histological techniques, *Biological assay, Chemical precipitation.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

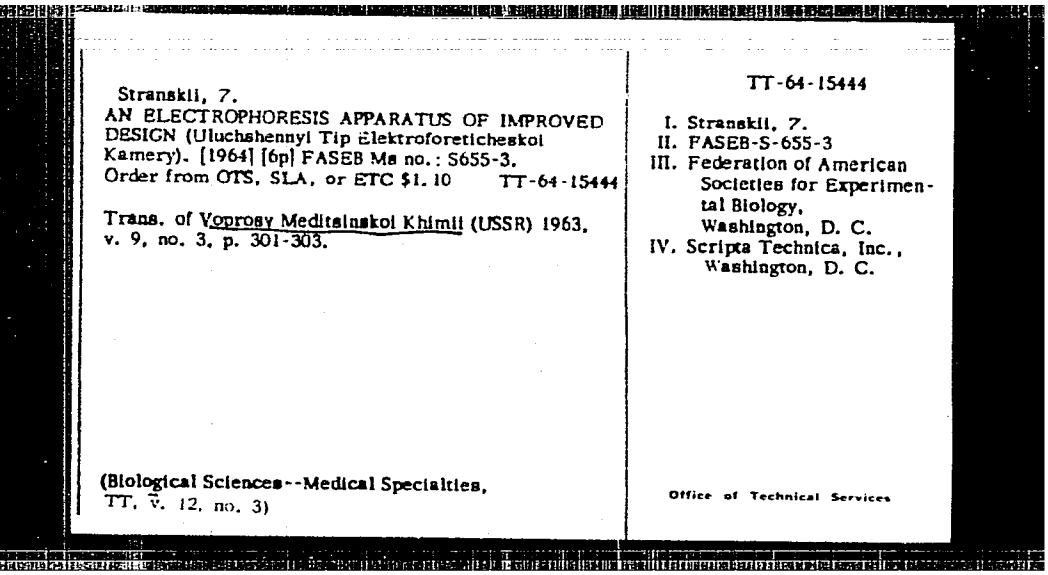
TT-64-13887

I. Tartarinov, Yu. S.
II. FASEB-S-647-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



Stranskii, 7.
AN ELECTROPHORESIS APPARATUS OF IMPROVED DESIGN (Uluchshennyi Tip Elektroforeticheskoi Kamery). [1964] [6p] FASEB Ms no.: S655-3. Order from OTS, SLA, or ETC $1.10 TT-64-15444

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 3, p. 301-303.

(Biological Sciences--Medical Specialties, TT, v. 12, no. 3)

TT-64-15444

I. Stranskii, 7.
II. FASEB-S-655-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Garkavi, P. G.
IMPAIRMENT OF TISSUE PROTEIN SYNTHESIS IN TOXIC HEPATITIS INDUCED BY CERTAIN CHLORINATED HYDROCARBONS. [1964] [9p] 16refs FASEB Ms no.:S862-3.
Order from OTS, SLA, or ETC $1.10 TT-64-15525

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 4, p. 365-370.

(Biological Sciences--Toxicology, TT, v. 12, no. 3)

TT-64-15525

I. Garkavi, P. G.
II. FASEB-S-862-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Golysheva, M. G., Zhdanovich, E. S., and Liber, L. I.
MICROBIOLOGICAL PREPARATION OF FLAVIN ADENINE DINUCLEOTIDE BY MEANS OF AN EREMOTHECIUM ASHBYII CULTURE (Poluchenie Flavinadenindinukleotida Mikrobiologicheskim Metodom s Pomoshch'yu Kul'tury Eremothecium Ashbyii). [1964] [8p] (foreign text included) 7refs FASEB Ms no.: S863-3.
Order from OTS, SLA, or ETC $1.10 TT-64-15480

Trans. of Voprosy Meditsinskoi Khimii (USSR) 1963, v. 9, no. 4, p. 371-373.

(Biological Sciences--Microbiology, TT, v. 12, no. 3)

TT-64-15480

I. Golysheva, M. G.
II. Zhdanovich, E. S.
III. Liber, L. I.
IV. FASEB-S-863-3
V. Federation of American Societies for Experimental Biology, Washington, D. C.
VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Phosphate Content in the Blood of Chick Embryos Under Normal Conditions and After Insulin Administration, by L. G. Leibson.
RUSSIAN, per, Vopr Med Khim, Vol 9, 1963, pp 373-380.
ATS RJ-5507

ATS 36R77R

Sci-B&M
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

PYRIDOXAL PHOSPHATE PARTICIPATION IN ACTIVE AMINO-ACID TRANSPORT THROUGH CELL MEMBRANES, BY A. YE. BRAUNSHTEYN, G. YA. VILENKINA, ET AL, 9 PP

RUSSIAN, PER, VOPROSY MED KHIM, VOL IX, NO 5, SEP, OCT 1963, PP 475-480.

JPRS 21980

SCI-BIOL & MED SCI
DEC 63

242,965

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Isolation of Antibody Fragments of Low Molecular Weight From Urine of Immune Rabbits, by A. Ya. Kulberg, et al.
RUSSIAN, per, Voprosy Med Khim, Vol IX, No 5, 1963, pp 514-517.
NIH 11-23-64

Sci-B&M
Jul 65

286,126

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

S- 1005/63

Symposium 'Biocomplexes and Their Significance, by A. A. Uglov, (NY 7887).

RUSSIAN, per, Voprosy Med Khim, Vol IX, no 5, 1963, pp 550.

*JPRS

Sci - Biol & Med
Oct 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Change in the Ratios Between the Excretion of 17-Hydroxycorticosteroids and 5-Hydroxyindoleacetic Acid in Pilots, by I. V. Fedorov, I. M. Khazen, et al, 8 pp.
RUSSIAN, per, Voprosy Medit Khim, No 6, Vol IX, 1963, pp 583-2587.

JPRS 23607

Sci - Biol & Mwed
Mar 64

251, 715

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Structural Characteristics and Oxidative Exchange of Granular Fraction Isolated from Blood Platelets of Man, by N. B. Chernlak,
RUSSIAN, per, Vop Med Khim, Vol 9, No 2, 1963, pp 146-154.
HEW-NIH
12-8-67

Sci/B & M
Feb 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Increase of Some Blood Serum Enzyme Activity Due to Strong Stimuli, by A. F. Blyuger, M. L. Belen'kiy, et al, 9 pp.
RUSSIAN, per, Voprosy Medit Khim, Vol X, No 1, 1964, pp 12-15.
JPRS 24838

Sci-Med
Jun 64

260,439

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Studies of Combination Spectra Dispersion in Spectrofluorometric Estimation of Catecholamines, by V. V. Menshikov, A. D. Yesilkov, 6 pp. RUSSIAN, per, Voprosy Medit Khim, Vol X, No 1, 1964, pp 77-80. JPRS 24838

Sci-Biol & Med
Jun 64

260,440

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Change in the Serum Protein of Patients With Chronic Radiculitis During Treatment With Vibration Baths, by A. Ya. Kreymer, 7 pp. RUSSIAN, per, Voprosy Medizt Khim, Vol X, No 2, 1964, pp 144-148.
JPRS 25234

Sci - Med
Jul 64

263,561

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

The Effect of Radiation on the RNA and RNA Metabolism in Cells of a Human Malignant Tumor, by Ye. V. Budnitskaya, M. Brunfaut, et al, 8 pp. RUSSIAN, per, Voprosy Medit Khim, Vol X, No 2, 1964, pp 179-184.
JPRS 25233

Sci - Med
Jul 64 263,562

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Copper Metabolism in Hepatolenticular Degeneration,
by A. A. Mittel'shtedt, L. K. Baumman, 6 pp.
RUSSIAN, per, Voprosy Medit Khim, Vol X,
No 3, May, Jun 1964, pp 252-256.
JPRS 25665

Sci- B & M
Aug 64 264,368

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Ribonucleic Acid and Collagen Synthesis by Fibroblasts During Connective Tissue Growth, by V. N. Smirnov, V. I. Mazurov, et al, 8 pp. RUSSIAN, per, Voprosy Medit Khim, Vol X, No 3, May, Jun 1964, pp 305-310. JPRS 25667

Sci - B & M
Aug 64

264,382

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Quantitative Determination of
Acetylcholine in Biological Specimens
by a Polarographic Method, by A. F. Maslova,
RUSSIAN, per, Vop Med Khim, Vol X,
No 3, 1964, pp 311-315.
NIH 1-18-65

Sci-BGM
Aug 65

287,438

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Biological Activity of Polysaccharides, by M. Ye. Preobrazhenskaya, 35 pp.

RUSSIAN, per, ~~Voprosy~~ Med Khim, Vol X, No 4, 1964, pp 339-351.

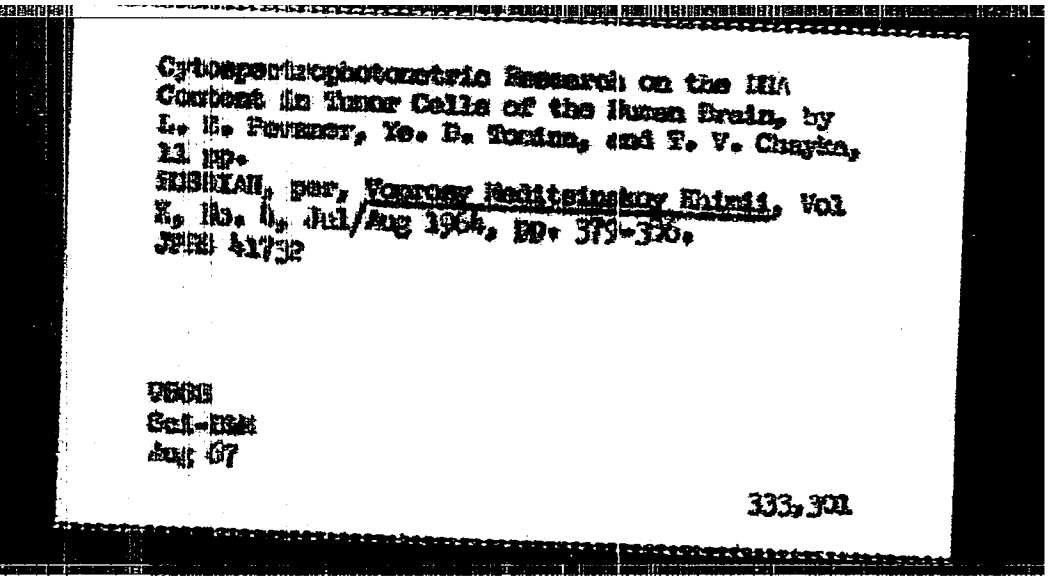
JPRS 27180

Sci-Chem
Jan 65

271,181

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



Cytospectrophotometric Research on the DNA Content in Tumor Cells of the Human Brain, by L. B. Formner, Ye. B. Tonkun, and T. V. Chayka, 13 pp.
SUBIKAN, par, Voprosy Neyrokhirurgii Imeni, Vol X, No. 4, Jul/Aug 1964, pp. 329-336.
JPRS 41732

9888
Sci-Tech
Aug 67

333,301

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

Effect of Oxygen Starvation and Acceleration on the Content of Glutamic and Gamma-Aminobutyric Acids in Brain Tissue, by Ye. D. Avenirova, B. M. Savin, I. A. Sytinskiy, 8 pp.
RUSSIAN, per, Voprosy Meditsinskoy Khimii, Vol X, No 6, Nov-Dec 1964, pp 595-600.
JPRS 28630

USSR
Sci-Bio & Med Sci
Feb 65

275,171

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

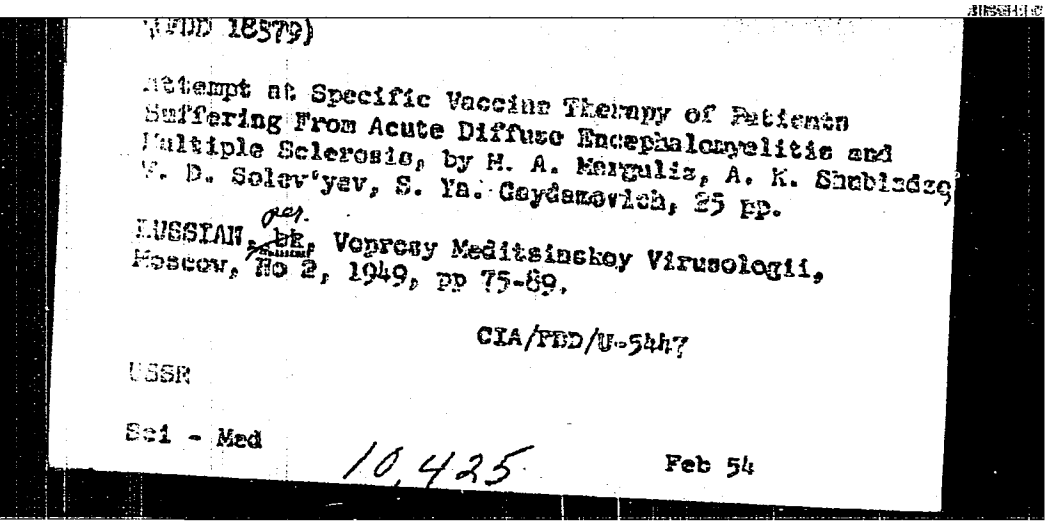
Activity of Hexokinase and Glucokinase of Adipose Tissue of the Epididymis of Rats and the Regulation of it with Insulin, by K. G. Gromova.
RUSSIAN, per, Vop Med Khim, Vol 10, No 6, 1964, pp 631-633.
NIH 5-1-65

Sci/H&N
Jul 65

282,453

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



(FDD 18579)

Attempt at Specific Vaccine Therapy of Patients Suffering From Acute Diffuse Encephalomyelitis and Multiple Sclerosis, by M. A. Margulis, A. K. Shubladze, V. D. Solov'yev, S. Ya. Gaydamovich, 25 pp.

RUSSIAN, ~~bk~~ per. Voprosy Meditsinskoy Virusologii, Moscow, No 2, 1949, pp 75-89.

CIA/FDD/U-5447

USSR

Sci - Med

10,425

Feb 54

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

(FDD 18350)

Investigation of the Virus of Acute Human Encephalitis. Communication II, by M. S. Margulis, A. K. Shubladze, 25 pp.

RUSSIAN, ~~pk~~ pp. Voprosy Meditsinskoy Virusologii, Moscow, No 2, 1949, pp 100-117.

CIA/FDD/U-5448

USSR

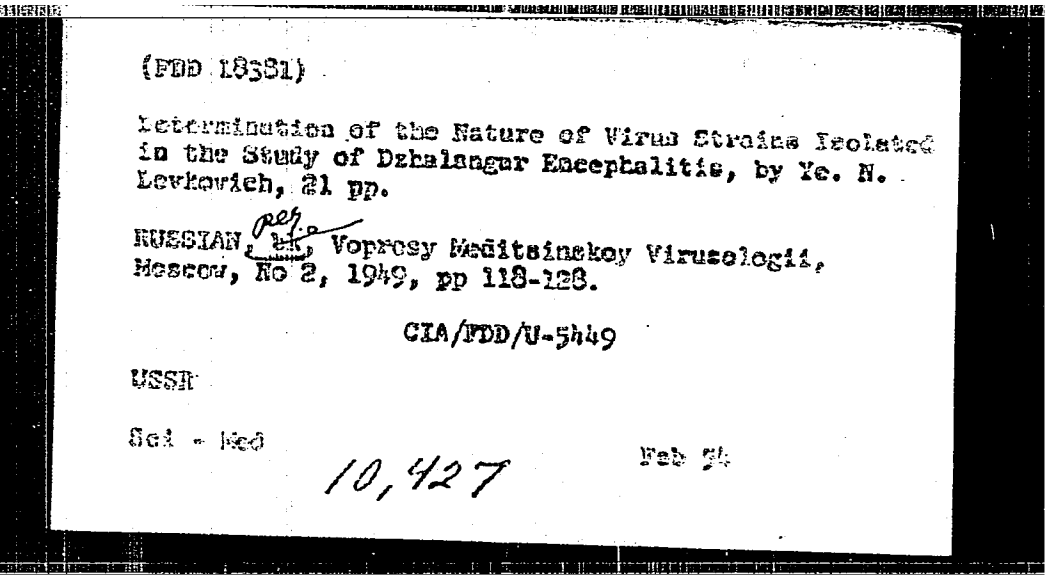
Sci - Med

Feb 54

10,428

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0



(FDD 18381)

Determination of the Nature of Virus Strains Isolated in the Study of Dzhalangar Encephalitis, by Ye. N. Levkovich, 21 pp.

RUSSIAN, per. bk., Voprosy Meditsinskoy Virusologii, Moscow, No 2, 1949, pp 118-128.

CIA/FDD/U-5449

USSR

Sci - Med

10,427

Feb 54

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300900042-0